| Inde | x of Claims |  |
|------|-------------|--|
|      |             |  |

| Appl | lication | /Control | No. |
|------|----------|----------|-----|
|------|----------|----------|-----|

10/563,344

Date

Examiner

Ismael Izaguirre

| Αp | plicant(s)/Patent | under |
|----|-------------------|-------|
| Re | examination       |       |

TAJIMA ET AL.

Art Unit

3765

| <b>√</b> | Rejected |
|----------|----------|
| _        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   | Postricted                     |

Claim

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| А | Appeal   |
|---|----------|
| o | Objected |

| Cla  | aim  | Date                                |          |  |              |              | $\neg \neg$                                      |              |  |                 |
|--|--|-------------------------------------|----------|--|--------------|--------------|--|--------------|--|-----------------|
| <del>                                     </del> |  |                                     | Г        | Г  | 一            | <u> </u>     | Ī  |              | ĺ  | П               |
| Final  | Original                                     | 11/24/06                            |          |  |              |              |  |              |  |                 |
|  | 1  | =                                   |          |  |              |              |  |              |  |                 |
|  | 1<br>2<br>3<br>4<br>5                        | =                                   |          |  |              |              |  |              |  |                 |
|  | 3_   | =                                   |          | <u> </u>   | <u> </u>     | L            |  | <u> </u>     | _  | Ш               |
|  | 4  | =                                   | L        |  | <u> </u>     | L            | L  | _            |  |                 |
|  | 5  | =                                   |          | <u> </u> _                                       | _            | _            | <u> </u>   | <u> </u>     |  | Щ               |
|  | 6<br>7                                       | <u> </u>                            |          | <u> </u>   | <u> </u>     | <u> </u>     | <u> </u>   | <u> </u>     | L  |                 |
|  | <del>-</del>                                 |                                     |          | _  | -            | ⊢            | <u> </u>   | <u> </u>     | _  | $\dashv$        |
|  | 8  | _                                   | _        | <u> </u>   | -            | -            | <u> </u>   | <del> </del> | ┝  | Н               |
|  | 10   |                                     |          |  | -            | _            | -  | ⊢            | ┝  | -               |
|  | 11   |                                     |          |  | ┝            | $\vdash$     |  | $\vdash$     | $\vdash$   | Н               |
|  | 12   |                                     |          | -  | $\vdash$     | $\vdash$     |  | $\vdash$     | $\vdash$   |                 |
|  | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17 | <b>-</b>                            | $\vdash$ | <del>                                     </del> | ┢            | -            | -  | $\vdash$     | $\vdash$   | H               |
|  | 14   |                                     | <u> </u> | <del>                                     </del> | $\vdash$     |              |  | Н            | $\vdash$   | Н               |
|  | 15   |                                     | _        |  | $\vdash$     |              |  |              | $\vdash$   | Н               |
|  | 16   |                                     |          |  | Г            |              |  | Г            |  | М               |
| -  | 17   |                                     |          |  | T            | Г            |  | Г            |  | $\Box$          |
|  | 18   |                                     |          | Г  |              |              |  |              |  | П               |
|  | 19   |                                     |          |  |              |              |  |              |  |                 |
|  | 20   |                                     |          |  |              |              |  |              |  |                 |
|  | 20<br>21                                     |                                     |          |  |              |              |  |              |  |                 |
|  | 22   |                                     |          |  |              | <u></u>      |  |              |  |                 |
|  | 23   |                                     |          | _  | <u>_</u>     | $oxed{oxed}$ |  |              |  | Ш               |
|  | 24   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          | 匚  | _            |              | ldash  | L            |  | Щ               |
|  | 23<br>24<br>25<br>26                         | L                                   |          | <u> </u>   | <u> </u>     | <u> </u>     | ļ  | _            |  | Ш               |
|  | 26   | L                                   |          | _  | <u> </u>     | <u> </u>     | ļ  | <u> </u>     |  |                 |
|  | 27   | _                                   |          | <u> </u>   | <u> </u>     | L            | <u> </u>   | <u> </u>     | <u> </u>   |                 |
|  | 28<br>29                                     | _                                   | _        | _  | <u> </u>     | <del> </del> |  | <u> </u>     | <u> </u>   | Н               |
|  | 29   |                                     |          | -  |              | $\vdash$     | <u> </u>   | <u> </u>     | <u> </u>   | Щ               |
|  | 30   | H                                   |          | -  | ┝            | ┡            | ┝  |              | ļ  | Н               |
|  | 31<br>32<br>33                               | -                                   | _        | -  | <del> </del> | -            | -  | $\vdash$     | -  | $\vdash \vdash$ |
| <del></del>                                      | 32   | <del> -</del>                       | -        | $\vdash$   | -            | -            | <del> </del>                                     | -            | $\vdash$   | $\vdash \vdash$ |
|  | 34   | $\vdash$                            |          | -  | $\vdash$     | -            | $\vdash$   | ⊢            | <del>                                     </del> | $\vdash \dashv$ |
|  | 35   | $\vdash$                            | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$     | <del>                                     </del> | -            | <u> </u>   | Н               |
| <del>                                     </del> | 36   |                                     | $\vdash$ | <del>                                     </del> | $\vdash$     | $\vdash$     |  | $\vdash$     |  | $\vdash \vdash$ |
|  | 37   | $\vdash$                            | Щ,       | <del>                                     </del> | $\vdash$     | $\vdash$     | Η-   | <del> </del> | $\vdash$   | Н               |
| _  | 38   |                                     |          |  | _            |              |  | $\vdash$     |  | H               |
|  | 39   |                                     | $\Box$   | T  | $\vdash$     |              |  | Т            |  | Н               |
|  | 40   |                                     |          |  |              |              | Г  | Γ            |  | П               |
|  | 41   |                                     |          |  |              |              |  | Γ            |  |                 |
|  | 42   |                                     |          |  | L            |              |  |              |  |                 |
|  | 43   |                                     |          |  |              |              |  |              |  |                 |
|  | 44   |                                     |          |  |              |              |  |              |  |                 |
|  | 45   |                                     |          |  |              |              |  |              |  |                 |
|  | 46   |                                     |          |  |              |              |  |              |  |                 |
|  | 47   |                                     |          | <u> </u>   | oxdot        |              |  | <u> </u>     |  | Ш               |
|  | 48   |                                     | L_       |  | L            |              |  | <u> </u>     | _  | Ш               |
|  | 49   | L_                                  | L        | _  | L            | L_           |  | _            |  | Щ               |
| i  | 50   |                                     |          | ı  | i .          | ı            |  |              |  | ıl              |

| Image: Figure 1     Image: Fig |  |
|--|--|
| 3 =   4 =   5 =   6 55   7 56   7 57   8 59   10 60   11 61   12 62   13 63   14 64   15 65   16 66  |  |
| 3 =   4 =   5 =   6 55   7 56   7 57   8 58   9 59   10 60   11 61   12 62   13 63   14 64   15 65   16 66   |  |
| 3 =   4 =   5 =   6 55   7 56   7 57   8 58   9 59   10 60   11 61   12 62   13 63   14 64   15 65   16 66   |  |
| 4 =   5 =   6 55   7 56   57 57   8 58   9 59   10 60   11 61   12 62   13 63   14 64   15 65   16 66  |  |
| 6  |  |
| 6  |  |
| 7  |  |
| 8 58   9 59   10 60   11 61   12 62   13 63   14 64   15 65   16 66  |  |
| 9   59   60   61   61   62   63   63   64   64   65   66   66   66   66   66   |  |
| 10   |  |
| 11 61 62 63 63 64 64 65 66 66 66   |  |
| 12 62 63 63 64 64 65 66 66 66  |  |
| 14 64 65 65 66 66 66 66 66 66 66 66 66 66 66   |  |
| 14 64 65 65 66 66 66 66 66 66 66 66 66 66 66   | <del>                                     </del> |
| 15 65 66   |  |
| 16 66 66   |  |
| 10   | <del>- - - </del>                                |
| 17 67 67   | <del></del>                                      |
| 18 68  | <del>1 - 1 - 1</del>                             |
| 19 69  | +++  |
| 19 70 70   | +++  |
| 20 70 71 71 71 71 71 71 71 71 71 71 71 71 71   | 1 1 1 - 1  |
| 22 72 72   | +++  |
| 23 73 73   |  |
| 23 73 74 74 74 74 74 74 74 75 75 75 75 75 75 75 75 75 75 75 75 75  | 1  |
| 24 74 75   | +  |
| 25 75  | <del> -  -</del>                                 |
| 26 76 77 77 77 77 77 77 77 77 77 77 77 77  |  |
| 27 77 77   |  |
| 28 78  | <del>  -   </del>                                |
| 29 79  | +++  |
| 30 80  | +++  |
| 31 81  |  |
| 32 82  | <del></del>                                      |
| 33 83  | +++  |
| 34 84  | +++  |
| 35 85  | <del>     </del>                                 |
| 36 86  |  |
| 37 87  | <del>         </del>                             |
| 38 88  | 1-1-1-   |
| 39 89  |  |
| 40 90  | +  |
| 41 91  | +  |
| 42 92 92   | 4-1-1-   |
| 43 93  |  |
| 44 94  |  |
| 45 95  |  |
| 46 96  | +  |
| 47 97  |  |
| 48 98  |  |
| 49 99  |  |
| 50 100 100   | 1 1 1 1  |

| Cli   | aim   | Date   |          |              |                                     |              |          |          |          |        |
|-------|---|--|----------|--------------|-------------------------------------|--------------|----------|----------|----------|--------|
|       |   |  |          |              |                                     |              |          |          |          | П      |
| Final | Original                                      |  |          |              |                                     |              |          |          |          |        |
|       | 101   |  |          |              |                                     |              |          |          | Г        | П      |
|       | 102   |  |          |              |                                     |              |          |          |          | П      |
|       | 103   |  |          |              |                                     |              |          |          |          |        |
|       | 104   |  |          |              |                                     |              |          |          |          | П      |
|       | 105   |  |          |              |                                     |              |          |          |          | $\Box$ |
|       | 105<br>106                                    |  |          |              |                                     | 一            |          |          | Г        | П      |
|       | 107   |  |          |              |                                     |              |          |          |          | П      |
|       | 108   |  |          |              |                                     |              |          |          |          | П      |
|       | 100   |  |          |              |                                     | Г            |          |          |          | П      |
|       | 110   |  |          |              |                                     |              |          |          | Г        |        |
|       | 111   |  |          |              |                                     | Г            |          |          |          |        |
|       | 1117  |  |          |              |                                     |              |          |          |          | П      |
|       | 113<br>114<br>115<br>116                      |  |          |              |                                     |              |          |          |          |        |
|       | 114   |  |          |              |                                     |              |          |          |          |        |
|       | 115   |  |          |              |                                     |              |          |          |          |        |
|       | 116   |  |          |              |                                     |              |          |          |          |        |
|       | 117<br>118<br>119                             |  |          |              |                                     |              |          |          |          |        |
|       | 118   |  |          |              |                                     |              |          |          |          |        |
|       | 119   |  |          |              |                                     | Π            |          |          |          |        |
|       | 120   |  |          |              |                                     |              |          |          |          |        |
|       | 121   |  |          |              |                                     |              |          |          |          |        |
|       | 122   |  |          |              |                                     |              |          |          |          |        |
|       | 121<br>122<br>123                             |  |          |              |                                     |              |          |          |          |        |
|       | 124   |  |          |              |                                     |              |          |          |          |        |
|       | 125   |  |          |              |                                     |              |          |          |          |        |
|       | 124<br>125<br>126<br>127<br>128<br>129<br>130 |  |          |              |                                     |              |          |          |          |        |
|       | 127   |  |          |              |                                     |              |          |          |          |        |
|       | 128   |  |          |              |                                     | $oxed{oxed}$ |          |          |          | Ш      |
|       | 129   |  |          |              |                                     | L            |          |          |          |        |
|       | 130   |  |          | L            |                                     | <u> </u>     |          |          | L        | Ш      |
|       | 131   |  |          |              |                                     | 匚            |          |          | L        | Ш      |
|       | 132   |  |          | _            |                                     |              | <u> </u> |          |          | Щ      |
|       | 132<br>133                                    | L  |          | <u></u>      | _                                   | _            | _        |          | L_       | Ш      |
|       | 134   | _  |          |              | L                                   | L            | <u> </u> | L        | oxdot    | Ш      |
|       | 135   |  | L_       |              | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>     | oxdot    | Ш        | _        | Щ      |
|       | 136   | _  | L_       |              | <u> </u>                            | <u> </u>     | oxdot    |          | <u></u>  | Щ      |
|       | 137<br>138<br>139                             |  | <u> </u> |              | <u> </u>                            | <u> </u>     | L        | Ш        | <u> </u> | Щ      |
|       | 138   | Ш  | L        |              | _                                   |              | L        |          | L        | Щ      |
|       | 139   |  |          | <u>L</u>     |                                     | _            | <u> </u> |          |          | Щ      |
|       | 140   | _  | _        | <u> </u>     |                                     | <u> </u>     | L_       | <u> </u> | <u> </u> | Ш      |
|       | 141   |  |          |              |                                     | <u> </u>     | L_       | $\vdash$ | _        | Щ      |
|       | 142   |  | _        | <u> </u>     | _                                   | <u> </u>     |          | L_       | ļ        | Ш      |
|       | 143   | $\perp$  | L        | L_           | <u> </u>                            | <u> </u>     | L        | Ш        | <u> </u> | Щ      |
|       | 144   |  | L.,      | L.           | ļ                                   | <u> </u>     | L        | _        | L_       | Щ      |
|       | 145   |  | L.       |              |                                     | L            | L        |          |          | Ш      |
|       | 146   | $ldsymbol{ld}}}}}}$ | L        |              |                                     | L            | <u> </u> | L:       | _        | Ш      |
|       | 147   |  | L_       | <u> </u>     |                                     |              | _        |          |          | Ш      |
|       | 148   | <u> </u>   | _        | <u> </u>     | igsqcup                             | <u>L</u>     | <u> </u> | L        |          | Ш      |
|       | 149   | oxdot  |          | $oxed{oxed}$ | Щ                                   | $\vdash$     | _        |          | _        |        |
|       | 150   |  |          |              |                                     |              | L        |          |          |        |